

NORTH AMERICAN ALMA DEVELOPMENT PROGRAM

STRATEGIC OBJECTIVE

Coordinate and collaborate with our Partners (ESO, NAOJ, and JAO) to maintain ALMA as a state-of-the-art facility for mm/submm astronomy over the course of its projected 30+ year lifespan.

STRATEGIC GOALS

1. Improve and extend technical capability.

Explore, develop and implement ...

- 1.1. new hardware technologies that improve and extend component, subsystem, and system performance and enhance scientific capabilities;
- 1.2. new software and computing technologies that improve and extend capabilities for scientific research;
- 1.3. infrastructure upgrades that increase scientific capability.

2. Increase operating efficiency.

Create more observing time by continuously improving ...

- 2.1. component, subsystem, and system reliability, availability, maintainability and safety;
- 2.2. processes, practices and procedures.

3. Decrease operating cost.

Reduce the amount and unit costs of ...

- 3.1. labor;
- 3.2. support services;
- 3.3. materiel; and
- 3.4. energy.

4. Strengthen the ALMA partnership.

Create and sustain a partnership that ...

- 4.1. coordinates individual and collective efforts between and among Partners;
- 4.2. leverages talent, resources, and best practices; and
- 4.3. fosters an environment of mutual trust, respect, and integrity.

5. Strengthen the North American Radio Astronomy community.

Cultivate and nurture relationships with ...

- 5.1. public and private institutions in pursuit of common astronomical interests; and
- 5.2. young individuals with potential to become the next generation of technicians, engineers and scientists.